



Coilmaster Electronics Co., Ltd.

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SSB4D06 SERIES – SMD Power Inductors



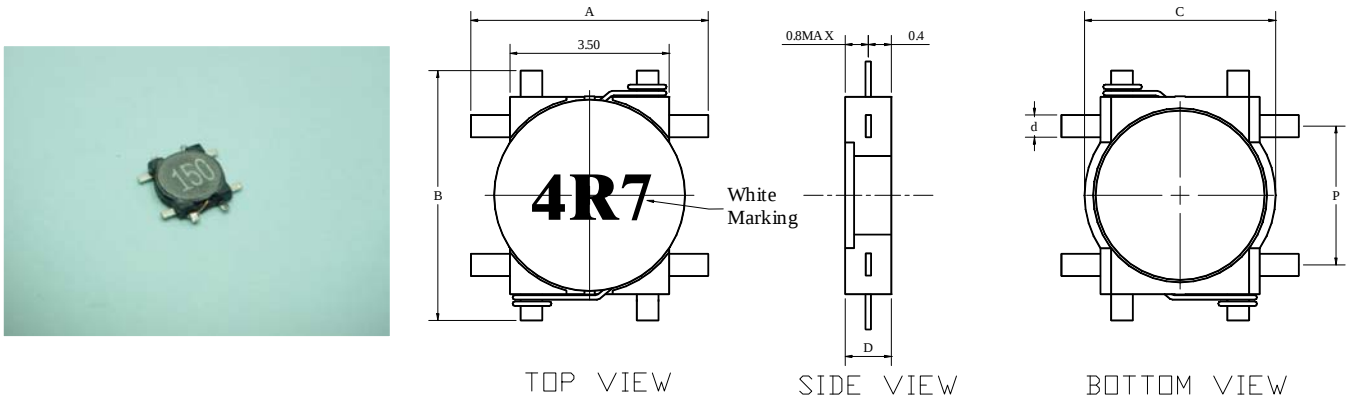
RoHS Compliant

PART NUMBERING SYSTEM

SSB	4D06	—	4R7M	—	LF
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

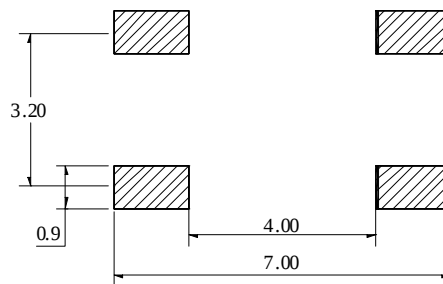
SHAPES AND DIMENSIONS

UNIT : mm



A=5.80 max. B=6.30 max. C=4.10REF D=1.2max. P=3.2 REF d=0.50 REF

RECOMMENDED PATTERNS



FEATURES

- Low profile (1.20mm max. height) .
- Suitable as inductors for Cellular phone .
- Rigid out frame structure ensures anti-shock proof .
- Large current handling capability .

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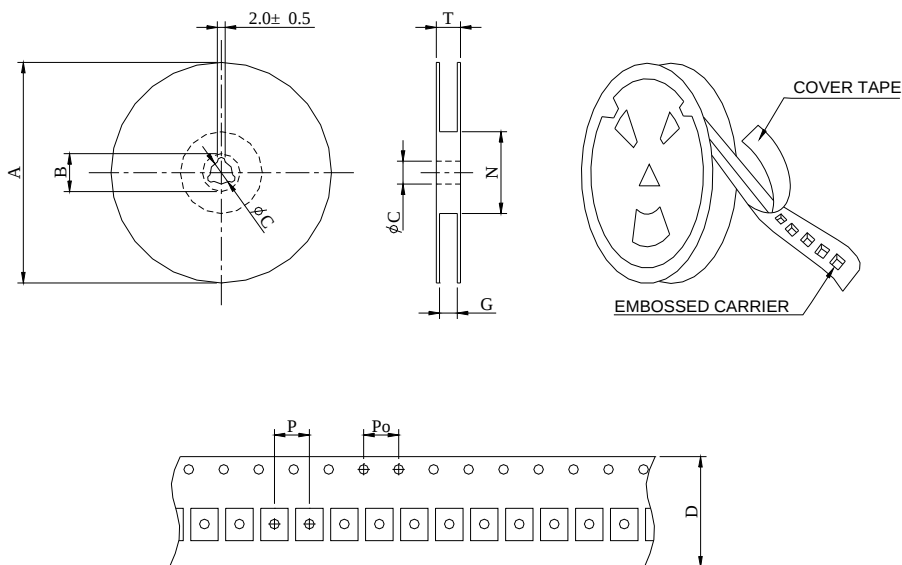
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SSB4D06 SERIES – SMD Power Inductors**ELECTRICAL CHARACTERISTICS :**

PART NUMBER	INDUCTANCE (μ H)	DCR (Ω) (max)	IDC (A) (max)	TEST FREQ. (f)
SSB4D06-2R2M-LF	2.2 $\pm$ 20%	0.116	0.95	100KHz
SSB4D06-3R3M-LF	3.3 $\pm$ 20%	0.174	0.77	100KHz
SSB4D06-4R7M-LF	4.7 $\pm$ 20%	0.216	0.75	100KHz
SSB4D06-6R8M-LF	6.8 $\pm$ 20%	0.296	0.62	100KHz
SSB4D06-100M-LF	10 $\pm$ 20%	0.457	0.50	100KHz
SSB4D06-150M-LF	15 $\pm$ 20%	0.676	0.40	100KHz
SSB4D06-220M-LF	22 $\pm$ 20%	1.066	0.30	100KHz
SSB4D06-330M-LF	33 $\pm$ 20%	1.647	0.24	100KHz
SSB4D06-470M-LF	47 $\pm$ 20%	2.843	0.18	100KHz

1. Operating temperature range : -40 $^{\circ}$ C to + 120 $^{\circ}$ C . Electrical specifications at 25 $^{\circ}$ C .

2. Test equivalent : HP4284A LCR meter or equivalent .

PACKAGING SPECIFICATION

SERIES	STAYLE	Q' TY (PCS)	DIMENSIONS (m/m)								
			A	B±0.8	C±0.5	D±0.3	G ⁺⁰	N ⁻⁰	P	Po	T
SSB4D06	7'	1000	180	21	13	12	12.5	50	8	4	16.5